

AS
Conclude

has been exposed to a hemolysin-producing fungus comprising contacting a sample from said mammal with labeled antibodies to fungal hemolysin or active fragments thereof and detecting the label to determine the presence of antigens to fungal hemolysin, wherein the fungal hemolysin is isolated by culturing a strain of fungus on a synthetic medium, removing cells and debris from the culture to recover supernatant, and isolating homiletical active fractions of fungal hemolysin.

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20. (New) The method according to claim 19 wherein the label is selected from the group consisting of enzyme, radioactive, chemiluminescent, and fluorescent labels.

21. (New) The method according to claim 19 wherein the fungus is selected from the group consisting of *Stachybotrys chartarum*, *Aspergillus fumigatus*, *Candida albicans*, and *Penicillium chrysogenum*.

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